Amendments to the Claims

Claim 1 (currently amended). A retrovirus An isolated retroviral vector that is capable of transducing cells in a G_0 phase, whereby wherein the vector is derived from comprises a SIVsmmPBj14 virus in which at least a portion of the SIVsmmPBj14 *env* gene is deleted to render the envelope protein encoded by the *env* gene non-functional.

Claim 2 (currently amended). The retroviral vector according to claim 1, whereby wherein the vector is further capable of transducing cells in a mitotic phase and/or a G_1 phase.

Claim 3 (canceled).

Claim 4 (currently amended). The retroviral vector according to claim [[3]] 1, whereby wherein the deletion [[of]] in the SIVsmmPBj14 *env* gene is in the SU range.

Claim 5 (currently amended). The retroviral vector according to claim 1, whereby wherein the vector is a pseudotype vector.

Claim 6 (currently amended). The retroviral vector according to claim 1, comprising a part of or the entirety of an envelope protein of a virus other than the SIVsmmPBj14 virus.

Claim 7 (currently amended). The retroviral vector according to claim 6, whereby wherein the virus is selected from the group consisting of HIV-1, SIVagm, SNV, MLV [[or]] and VSV.

Claim 8 (currently amended). The retroviral vector according to claim 6, whereby wherein the envelope protein is the G-protein of VSV.

Claim 9 (currently amended). A method for making pseudotype vectors, comprising the steps of:

a) deleting a part of or the entire *env* gene of a SIVsmmPBj14 ~~virus~~ viral genome or a molecular clone ~~thereof~~ of the viral genome to render the envelope protein encoded by the *env* gene non-functional; and

b) cotransfecting cells with the construct of a) and an expression construct for [[an]] a non-SIVsmmPBj14 envelope protein~~, whereby the envelope protein is derived from a virus other than the SIVsmmPBj14 virus~~.

Claim 10 (canceled).

Claim 11 (currently amended). The method according to claim 9, ~~whereby~~ wherein the cells are 293T cells.

Claim 12 (currently amended). The method according to claim 9, ~~whereby the~~ wherein the non-SIVsmmPBj14 envelope protein is an envelope protein of a virus [[is]] selected from the group consisting of HIV-1, SIVagm, SNV, MLV [[or]] and VSV.

Claim 13 (currently amended). The method according to claim 9, ~~whereby~~ wherein the non-SIVsmmPBj14 envelope protein is the G-protein of VSV.

Claim 14 (currently amended). A pseudotype vector made according to the method of claim 9.

Claim 15 (previously presented). ~~Use of a vector according to claim 9~~ A method for transducing cells in the G_0 phase comprising contacting the cells with a vector of claim 14.

Claims 16-17 (canceled).

Claim 18 (new).   An isolated lentiviral expression vector that is capable of transducing cells in a G_0 phase, the vector comprising a SIVsmmPBj1.9 lentivirus comprising an inactive SIVsmmPBj1.9 *env* gene, and an active VSV-G *env* gene, such that the envelope proteins of the vector are VSV-G envelope proteins.

Claim 19 (new).   The isolated lentiviral expression vector of claim 18 wherein the inactive SIVsmmPBj1.9 *env* gene comprises a deletion in the SU region thereof.